



Receipt

+

#4

PTO/SB/21 (modified)

Approved for use through xx/xx/xx, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0004/PTO Rev. 10/95 TRANSMITTAL FORM (to be used for all correspondence during pendency of filed application)	U.S. Department of Commerce Patent and Trademark Office	Application Number	09/894,224
		Filing Date	June 27, 2001
		First Named Inventor	Kannan P. Vairavan
		Group Art Unit Number	2182
		Examiner Name	Unknown
Total Number of Pages in This Submission	7*	Attorney Docket Number	22575-05683

RECEIVED

JAN 08 2002

Technology Center 2100

ENCLOSURES (check all that apply)	
<input type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed	<input type="checkbox"/> Issue Fee Transmittal
<input checked="" type="checkbox"/> Return Receipt Postcard	<input type="checkbox"/> Letter to Chief Draftsperson
<input type="checkbox"/> Response to Notice to File Missing Parts	<input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) []
<input type="checkbox"/> Assignment & Recordation Cover Sheet	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Declaration	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Power of Attorney	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Application Data Sheet	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Cited References	<input type="checkbox"/>
<input checked="" type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/>
<input type="checkbox"/> Request for Correction of Recorded Assignment	<input type="checkbox"/>
<input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final	<input type="checkbox"/>
<input type="checkbox"/> Status Request	<input type="checkbox"/>
<input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/>

REMARKS: *excluding postcard

SIGNATURE OF ATTORNEY OR AGENT		
Signature:		
Attorney/Reg. No.:	Michael V. North / 46,963	Dated: 11/1/2001

CERTIFICATE OF MAILING		
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.		
Signature:		
Typed or Printed Name:	Michael V. North	Dated: Nov. 1, 2001
Express Mail Mailing Number (optional):		



#4

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

APPLICANT: Kannan P. Vairavan
APPLICATION NO.: 09/894,224
FILING DATE: June 27, 2001
TITLE: Integrated Intelligent Inter/Intra Networking Device
EXAMINER: Unknown
GROUP ART UNIT: 2182
ATTY. DKT. NO.: 22575-05683

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Office of Initial Patent Examination, Customer Service Center, Washington, D.C. 20231, on the date shown below:

Dated: Nov. 1, 2001

By: 

Michael V. North, Reg. No.: 46,963

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
WASHINGTON, DC. 20231

RECEIVED
JAN 08 2002
Technology Center 2100

REQUEST FOR CORRECTED FILING RECEIPT

SIR:

Enclosed is a copy of the Official Filing Receipt. It contains the following error:

1. The applicant's first name is erroneously stated as Kennan . The correct spelling of applicant's first name is Kannan, as evidenced by the first page of the patent specification, a copy of which is enclosed.

Please issue a corrected Filing Receipt rectifying this error.



Dated: Nov 1, 2001

Respectfully submitted,
KANNAN P. VAIRAVAN

By: 

Michael V. North, Reg. No.: 46,963
Fenwick & West LLP
Two Palo Alto Square
Palo Alto, CA 94306
Tel.: (650) 858-7688
Fax: (650) 494-1417



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/894,224	06/27/2001	2182	607	22575-05683	11	48	2

CONFIRMATION NO. 4827

00758
FENWICK & WEST LLP
TWO PALO ALTO SQUARE
PALO ALTO, CA 94306

RECEIVED

AUG 23 2001

FENWICK & WEST LLP

FILING RECEIPT



OC000000006442840

Date Mailed: 08/17/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kennan P. Vairavan, Cupertino, CA;

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/258,156 12/21/2000

Foreign Applications

If Required, Foreign Filing License Granted 08/17/2001

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

**** SMALL ENTITY ******Title**

Integrated intelligent inter/intra networking device

Preliminary Class

713

RECEIVED
JAN 08 2002
Technology Center 2100

Data entry by : MA, WEI-WEN

Team : OIPE

Date: 08/17/2001

[REDACTED]

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, DC 20231



INTEGRATED INTELLIGENT INTER/INTRA NETWORKING DEVICE

INVENTORS

[0001] Kannan P. Vairavan

CROSS-REFERENCE TO RELATED APPLICATIONS

5 [0002] This application claims priority from provisional U.S. Patent Application Serial No. 60/258,156, "Integrated Intelligent Inter-Intra (ICUBE) Network Box," by Kannan P. Vairavan, filed December 21, 2000. The subject matter of which is herein incorporated by reference in its entirety.

BACKGROUND

10 A. Technical Field

[0003] The present invention relates generally to the field of enterprise networking and more particularly to the field of inter/intra-networking interfacing between various types of networks such as copper-based, optical, and wireless.

B. Background of the Invention

15 [0004] The continual improvement of technology within the networking industry is well known in the art. The industry is constantly trying to expand on current networking technology as well as develop alternative technology with corresponding advantages over more traditional networking technology. In response, protocols and standards are created and updated in order to ensure that both a compatibility and performance levels are maintained within the
20 industry. Within this environment, it is difficult to maintain an up-to-date, diverse networking enterprise.



UNITED STATES PATENT AND TRADEMARK OFFICE

FILE COPY #4

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4827

SERIAL NUMBER 09/894,224	FILING DATE 06/27/2001 RULE	CLASS 713	GROUP ART UNIT 2182 2131	ATTORNEY DOCKET NO. 22575-05683	
APPLICANTS Kannan P. Vairavan, Cupertino, CA;					
** CONTINUING DATA ***** THIS APPLN CLAIMS BENEFIT OF 60/258,156 12/21/2000					
** FOREIGN APPLICATIONS *****					
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 08/17/2001					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		STATE OR COUNTRY CA	SHEETS DRAWING 11	TOTAL CLAIMS 48	INDEPENDENT CLAIMS 2
ADDRESS 00758					
TITLE Integrated intelligent inter/intra networking device					
FILING FEE RECEIVED 607	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		